

392938118344301 Local number 101 N19 E30 23DBDD2

Basin and Range basin-fill aquifers

Churchill County, NV

LOCATION.--Lat 39°29'38", long 118°34'43" referenced to North American Datum of 1927, in SE ¼ NW ¼ SE ¼ sec.23, T.19 N., R.30 E., Churchill County, Hydrologic Unit 16050203.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 11 ft. Upper casing diameter 12 in; top of first opening undefined, bottom of last opening undefined.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 3908.79 ft above National Geodetic Vertical Datum of 1929. Measuring point: South side of steel casing at middle of indentation, 0.8 ft above land-surface datum.

COOPERATION.--Churchill County

REMARKS.--In the Fallon area, basin-fill aquifers have been defined as the shallow aquifer from the water table to depths of 50 ft below land surface, and as the intermediate aquifer from depths of 50 ft to about 500 ft below land surface by Glancy, P.A., 1986, Geohydrology of the basalt and unconsolidated sedimentary aquifers in the Fallon area, Churchill County, Nevada: U.S. Geological Survey Water Supply Paper 2263.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

[Measurement method: T, electric tape. Water-level status: - - , static.]

Date	Water level	Measurement method	Water level status
Oct 18, 2004	3.60	T	--
Nov 16	3.60	T	--
Dec 20	4.42	T	--
Jan 20, 2005	4.12	T	--
Feb 23	4.28	T	--
Mar 22	4.78	T	--
Apr 18	5.09	T	--
May 12	3.54	T	--
Jun 16	3.28	T	--
Jul 13	4.21	T	--
Aug 11	1.87	T	--
Sep 12	3.73	T	--

Highest: 1.87 Aug 11, 2005

Lowest: 5.09 Apr 18, 2005